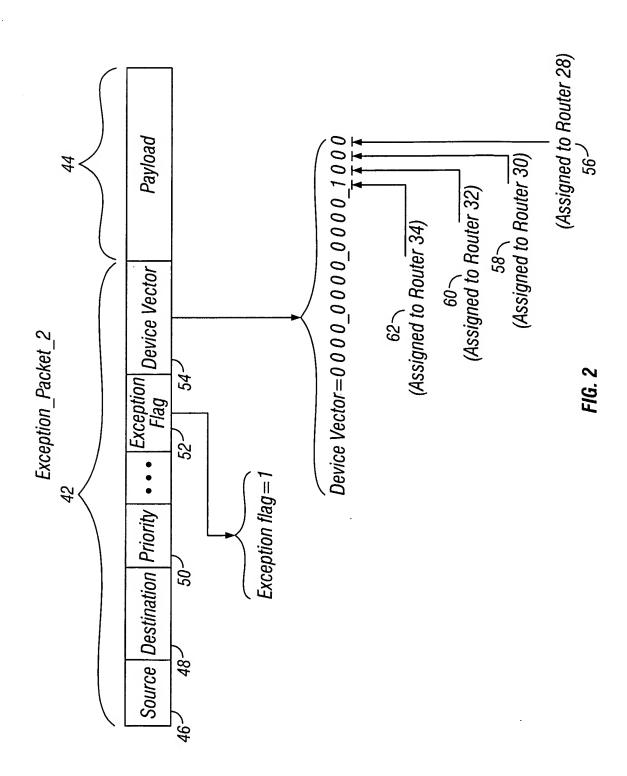


FIG. 1

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34-

FIG. 3A

-90

92

Exception Processor

Memory

Exception Handler

Memory

Router

FIG. 3B

computer system 26

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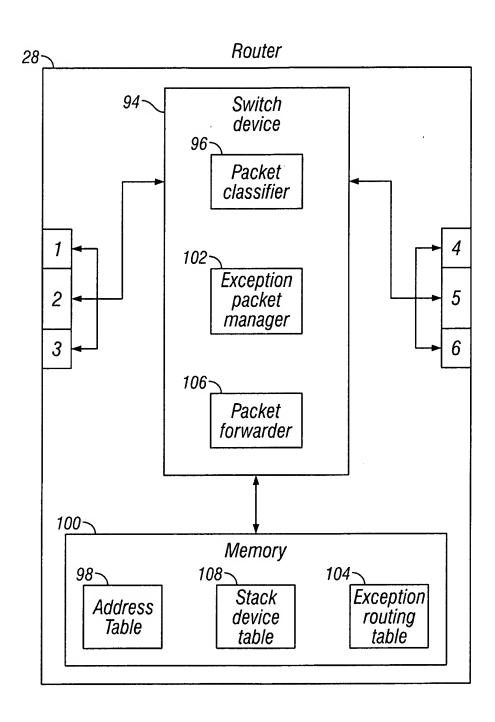


FIG. 4

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110

Stack device table stored in Router 28			
Stack Device Number	Router 28 Port Number		
30 32 34	3 3 3		

Exception routing table stored in Router 28	
Stack Device Number	Router 28 Port Number
34	

112~

112		
Stack device table stored in Router 30		
Stack Device	Router 30 Port	
Number	Number	
28	1	
32	6	
34	2	

120		
	Exception stored ii	routing table n Router 30
	Stack Device Number	Router 30 Port Number
	34	-

114~

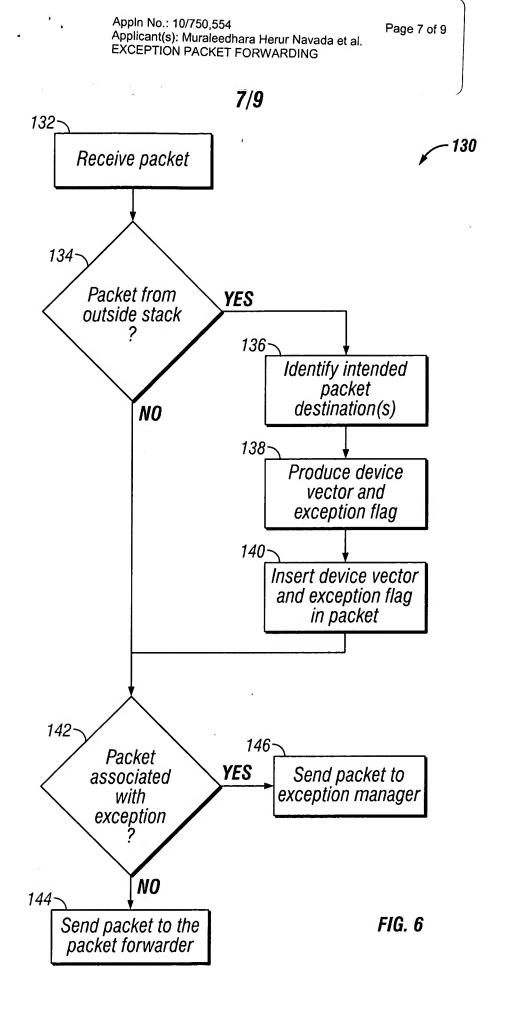
***)		
Stack device table stored in Router 32		
Stack Device Number	Router 32 Port Number	
28 30 34	4 4 4	

_12	2	
	Exception routing table stored in Router 32	
	Stack Device Number	Router 32 Port Number
	34	_

116

Stack device table stored in Router 34	
Stack Device	Router 34 Port
Number	Number
28	5
30	5
32	5

124		
	Exception routing table stored in Router 34	
	Non-Stack Device Number	Router 34 Port Number
	36	1, 2, 3



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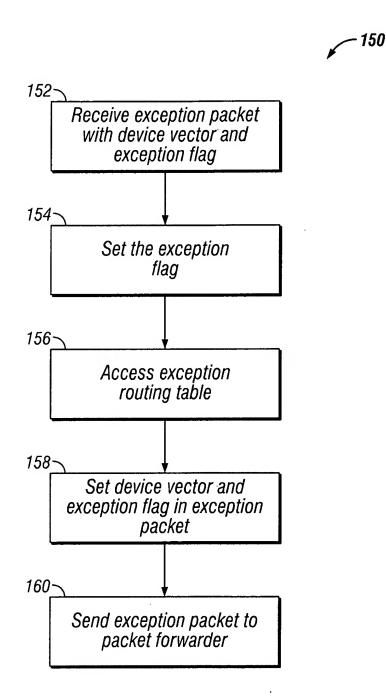


FIG. 7

Send packet(s) over port(s)

Appln No.: 10/750,554 Applicant(s): Muraleedhara Herur Navada et al. **EXCEPTION PACKET FORWARDING** 9/9 172-170 Receive packet with device header 176~ 174-Produce copy of packet Deliver packet to YES local device not 178in stack Remove device vector and exception flag from packet copy NO 180-Send packet copy to local device 182 184-Send packet NO to other Remove packet stack device(s) 190~ Produce device vector YES and exception flag for each packet copy 186~ 192~ Determine port(s) Insert appropriate device to send packet vector and exception flag in packet(s) 188~ Produce copy of 194-

FIG. 8

packet for each port